

**KERNEL CRYPTOGRAPHIC MODULE SIGNATURE VERIFICATION  
SYSTEM AND METHOD**

**5    ABSTRACT OF THE DISCLOSURE**

A computer operating system having a kernel with a kernel module signature verification unit is described herein. The kernel module signature verification unit automatically monitors kernel module signature path and extracts the signature information provided by each module attempting to load 10 to the kernel. The signature information captured from the kernel module path is retrieved by a kernel cryptographic framework to verify the signature information provided by a kernel cryptographic framework daemon when the same kernel module attempts to register its routines and mechanisms with the kernel cryptographic framework.

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